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DATE: Thursday, July 08, 2004

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	DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ		
□	L10	L6 and L1	6
□	L9	L6 and L2	0
	DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
□	L8	L6	21
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
□	L7	L6 and (graphic$ near2 (attribute or primitive))	3
□	L6	spy$ same (object or component)	1202
□	L5	L4 and (graphic$ near2 (attribute or primitive))	2
□	L4	spy near (object or component)	14
	DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ		
□	L3	L2 or L1	4899
□	L2	345/619,771-773.ccls.	1081
□	L1	717/103-113,120-135,158-159,174-178.ccls.	3832

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Search Results - Record(s) 1 through 6 of 6 returned.

□ 1. Document ID: US 20030188292 A1

Using default format because multiple data bases are involved.

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L10: Entry 1 of 6                              File: PGPB                         Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030188292
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030188292 A1

TITLE: System and method for configuration using an object tree formed of hierarchically
graduatable objects

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:
NAME                                CITY            STATE       COUNTRY         RULE-47
Herkert, Gebhard                    Limbach                     DE

US-CL-CURRENT: 717/105; 700/17
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Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | In

□ 2. Document ID: US 20030167456 A1

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L10: Entry 2 of 6                              File: PGPB                         Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167456
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030167456 A1

TITLE: Architecture for building scalable object oriented web database applications

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:
NAME                                CITY            STATE       COUNTRY         RULE-47
Sabharwal, Vinay                    Fremont         CA          US

US-CL-CURRENT: 717/108

ABSTRACT:

A method for modeling and rapidly building high performance object oriented database
applications for web environments is disclosed. The modeling encompasses behavioral
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object modeling as well as structural data modeling according to a set of rules that yields a layered object model with no compromises on the database design, the application's functionality or code reusability and extensibility. A high level mechanism based on the Extensible Markup Language (XML) is used to declare the structure and behavior of modeled persistent objects that exhibit functionally complete object orientation and whose implementations are realized through packages of database stored procedures and associated structures. Code generators produce the necessary application and database code from the XML specification, enabling rapid development. The packages of stored procedures encapsulate all aspects of the database design and database programming, yielding performance, flexibility and future-proofing of the applications from changing requirements, database versions and database performance tuning. The generated code, in conjunction with a lightweight run time infrastructure, provides performance and development productivity features that are specifically geared for the stateless web environment in order to support scrolling of very large result sets from the database, to automatically detect conflicting changes from multiple concurrent users, and to automatically render the state of persistent objects in XML for personalization and data interchange. Additional performance features include high-concurrency caching of persistent objects with transactional semantics for ensuring transaction isolation among multiple threads of execution.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | In

□ 3. Document ID: US 6611955 B1

L10: Entry 3 of 6 File: USPT Aug 26, 2003

US-PAT-NO: 6611955
DOCUMENT-IDENTIFIER: US 6611955 B1

TITLE: Monitoring and testing middleware based application software

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Logean; Xavier	Heremence			CH
Dietrich; Falk	Lausanne			CH
Hubaux; Jean-Pierre A.	Preverenges			CH
Grisouard; Sylvain	Paris			FR
Etique; Pierre-Alain	Hinterkappelen			CH
Koppenhoefer; Shawn E.	Lausanne			CH

US-CL-CURRENT: 717/128; 714/38, 719/318

ABSTRACT:

A method for on-line monitoring and testing the behavior of middleware based, distributed application software during run-time of such software is disclosed. In order to automatize the monitoring of the behavior of the application software, the monitoring method comprises: defining events capturing the behavior of the software execution, the events being based on an abstraction of the application software, the abstraction being provided by middleware; using code generating means and an instrumentation technique for automatically adding code to the implementation of the software code suitable for

generating traces suitable to be sent to an observer, the information carried by the added code including information on the order of occurrence of the events and on the application software part location where each event occurs; and using a monitoring mechanism based on sending of trace reports to the observer, which ensures or takes into account the time order of the reported traces. In order to automatize testing of the behavior of the application software, the testing method comprises monitoring the behavior of the software during run-time thereof by the above mentioned method, and using a checking mechanism using the information monitored at runtime for checking whether the behavior is violating or has violated predefined properties or constraints.

16 Claims, 2 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | In

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□ 4. Document ID: US 6163881 A

L10: Entry 4 of 6 File: USPT Dec 19, 2000

US-PAT-NO: 6163881
DOCUMENT-IDENTIFIER: US 6163881 A

TITLE: Method of monitoring the operation of a computer

DATE-ISSUED: December 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sauvage; Pierre	Notre Dame de Commiers			FR

US-CL-CURRENT: 717/128; 717/163

ABSTRACT:

A method is provided for automatically storing indications regarding conditions prevailing in a computer running a user application (1) that employs a library (2). This method involves providing an interface component (3) interposed between the user application and library. The interface component (3) is arranged to receive messages from the user application (1) destined for the library (2), pass on these messages to the library (2), and monitor and store indications regarding conditions prevailing in the computer at the time the messages are received or passed. Provision is made for dynamically changing the indications to be monitored.

9 Claims, 5 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | In

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□ 5. Document ID: US 6118447 A

L10: Entry 5 of 6 File: USPT Sep 12, 2000

US-PAT-NO: 6118447
DOCUMENT-IDENTIFIER: US 6118447 A

TITLE: Apparatus and methods for analyzing software systems

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Harel; Avraham	Haifa			IL

US-CL-CURRENT: 717/131

ABSTRACT:

A system and method for mode error troubleshooting including software system structure generation including prompting a developer to define a first plurality of tasks to be performed by a software system, to define a second plurality of modes in which the software system is to operate and to define for at least one task, at least one inappropriate mode in which the task cannot be performed and troubleshooting including prompting an end user to select a target task, searching for inappropriate modes in which the target task cannot be performed and providing an alert indicating when the end user is in one of the inappropriate modes.

6 Claims, 137 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 77

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw Desc | In

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□ 6. Document ID: US 5313616 A

L10: Entry 6 of 6 File: USPT May 17, 1994

US-PAT-NO: 5313616
DOCUMENT-IDENTIFIER: US 5313616 A
**** See image for Certificate of Correction ****

TITLE: Method for analyzing calls of application program by inserting monitoring routines into the executable version and redirecting calls to the monitoring routines

DATE-ISSUED: May 17, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cline; David C.	San Jose	CA		
Silverman; Andrew P.	Los Gatos	CA		
Wymore; Farrell W.	Mountain View	CA		

US-CL-CURRENT: 717/127; 713/323, 714/35, 714/45, 717/130

ABSTRACT:

A method for verifying the conformance of an application program to a set of system rules characterized by the development of a conformance database, the performance of a static analysis of the application program to determine whether the application program is in static conformance with the conformance database and the performance of a dynamic analysis of the application program to determine whether the application program is in dynamic conformance with the conformance database. The static analysis produces a graph of the basic blocks of the application program and analyzes the graph for conformance to system rules, dead code and coverage metrics. The dynamic analysis adds a small amount of monitoring code into an executable application program which monitors the application program as it is exercised in a test harness. The monitoring code produces a log database which can be analyzed for run-time non-conformities of the application program.

11 Claims, 17 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 15

Full | Title | Citation | Front | Review | Classification | Date | Reference | | | Claims | KWIC | Draw. Desc | In

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Terms	Documents
L6 and L1	6

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